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Washington, D.C. 20231

On Aug 17, 2001

TOWNSEND and TOWNSEND and CREW LLP

By: Cornell Lamon

#4 Pda
Pre Amend HA
4-18-02

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Michael Bazylenko

Application No.:

Filed: August 17, 2001

For: METHOD OF DEPOSITING A
CLADDING LAYER

Examiner:

Art Unit:

PRELIMINARY AMENDMENT

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

Prior to examination of the above-referenced application, please enter the following amendments and remarks.

IN THE CLAIMS:

- 1 1. (As filed) A method of depositing a cladding layer over external services of a
- 2 waveguide structure formed on a planar substrate, the waveguide structure comprising a planar
- 3 waveguide core formed on the planar substrate and a raised structure formed on the planar substrate
- 4 adjacent the waveguide core, the method comprising the steps of:
- 5 depositing a cladding material over a planar waveguide structure,
- 6 etching the deposited cladding material so as to reduce shadowing effects between the
- 7 waveguide core and the raised structure during the deposition of the cladding material, and